

Listing of Claims:

1. (Currently Amended) A crushing control apparatus for a shearing crusher for shearing and crushing objects ~~to be crushed~~ with cutters ~~by rotating~~ mounted on a plurality of rotatable rotary shafts, ~~having the cutters,~~ comprising:

mode selecting means for selecting ~~a mode for each kind~~ one of a plurality of modes that correspond respectively to kinds of said objects to be crushed;

memory means for storing a control condition of said rotary shafts ~~, which conforms to the mode,~~ for each of said ~~mode~~ plurality of modes; and

control means ~~, which reads~~ for reading out the control condition corresponding to ~~a~~ the selected mode from said memory means, ~~when the predetermined mode is selected by said mode selecting means, and controls~~ and for setting a rotation speed of said plurality of rotary shafts to be in accordance with the read out control condition, ~~which is read out.~~

2. (Currently Amended) The crushing control apparatus for the shearing crusher according to claim 1, wherein said ~~mode selecting means selects any one kind of object~~ kinds objects to be crushed ~~from~~ comprise at least one of straw matting, a tire, and a pallet; and

wherein said control means controls a hydraulic motor for driving said rotary shafts.

3. (Currently Amended) The A crushing control apparatus for the a shearing crusher ~~according to claim 2, further comprising:~~ for shearing and crushing objects with cutters mounted on a plurality of rotatable rotary shafts, comprising:

5 mode selecting means for selecting one of a plurality of modes that correspond respectively to kinds of said objects to be crushed;

memory means for storing a control condition of said rotary shafts for each of said plurality of modes;

10 control means for reading out the control condition corresponding to the selected mode from said memory means, and for setting a rotation speed of said plurality of rotary shafts in accordance with the read out control condition; and

15 a direction control valve for switching ~~between~~ a normal rotation direction and a reverse rotation ~~directions~~ direction of said hydraulic motor,

wherein said kinds objects to be crushed comprise at least one of straw matting, a tire, and a pallet,

20 wherein said control means controls a hydraulic motor for driving said rotary shafts, and

wherein said control means controls a position of said direction control valve and a holding time in the position.

4. (New) A crushing control apparatus for a shearing crusher for shearing and crushing objects with cutters mounted on a plurality of rotatable rotary shafts, comprising:

mode selecting means for selecting one of a plurality of modes that correspond respectively to kinds of said objects to be crushed;

memory means for storing a control condition of said rotary shafts for each of said plurality of modes; and

control means for reading out the control condition corresponding to the selected mode from said memory means, for controlling the rotary shafts to alternate rotation between a normal rotation direction and a reverse rotation direction, and for setting a length of time that the rotary shafts rotate in the normal rotation direction and a length of time that the rotary shafts rotate in the reverse rotation direction in accordance with the read out control condition.

5. (New) The crushing control apparatus for the shearing crusher according to claim 4, wherein said kinds objects to be crushed comprise at least one of straw matting, a tire, and a pallet; and

5 wherein said control means controls a hydraulic motor for driving said rotary shafts.

6. (New) The crushing control apparatus for the shearing crusher according to claim 5, further comprising:

5 a direction control valve for switching between a normal rotation direction and a reverse rotation direction of said hydraulic motor, corresponding respectively to the normal and reverse rotation directions of the rotary shafts,

 wherein said control means controls a position of said direction control valve and a holding time in the position.